# Mountain Weather Forecast

## Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 04 Feb 2023 until 23:59 on Sunday 05 Feb 2023

Forecast Issued on Saturday 04 Feb 2023 at 03:54

**Confidence:** High confidence for the overall with a lot of dry weather over the forecast period. Lower for the position of a weak weather front over the UK on Tuesday and Wednesday bringing cloud and patchy rain.

**Headline for Saturday 04 Feb 2023:** Cloudy but dry for much of the day. Spell of rain, perhaps heavy, late afternoon and early evening.

**Mountain weather hazards on Saturday 04 Feb 2023**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy persistent snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>No Likelihood | **Severe chill effect**<br>Low Likelihood | **Poor visibility**<br>Medium Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>Low Likelihood | **Strong sunlight**<br>No Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Fog | Fog | Dull | Heavy Rain | Light rain | Partly cloudy (night) |
| Precipitation probability | | | | | |
| 20% | 20% | 10% | 40% | 40% | 10% |

**Forecast for Saturday 04 Feb 2023**

**Weather:** Cloudy for much of the day with the odd spot of light rain or drizzle, particularly across western dales. Short-lived bright spells possible across eastern parts at times. Thick cloud with rain is expected to arrive from the northwest from around late afternoon, persisting for a few hours. Rain may be heavy at times, perhaps briefly turning to sleet on the highest peaks. Dry and clear conditions follow behind by late evening.

**Chance of cloud-free hill tops above 600m:** 20% in the west to 40% in east, lowering to 10% everywhere late afternoon. Improving to above 80% by late evening.

**Low Cloud and visibility:** Extensive low cloud and hill fog initially, with bases around 400m, particularly affecting western hills but patchier cover further east. Cloud bases lifting to around 600m for a time, before thickening and lowering from the northwest to 300-400m with the arrival of rain. Below the cloud, mainly good visibility but poor in rain later, and very poor in any sleet over higher tops. Cloud clearing from all hills during the evening as rain clears away.

Check our weather forecast every day to get the most accurate and up to date information
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# Mountain Weather Forecast

**Forecast for Saturday 04 Feb 2023**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 13/18 SW | 16/22 SW | 20/29 SW | 20/29 SW | 20/28 W | 16/24 NW | 14/21 NW |
| **300** | 7/16 SW | 9/18 SW | 13/26 SW | 13/26 SW | 12/26 W | 10/23 NW | 7/19 NW |
| **Valley** | 6/14 SW | 7/17 SW | 12/24 SW | 10/22 SW | 11/24 W | 6/18 NW | 4/15 NW |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 5/1 | 4/-1 | 4/-2 | 4/-2 | 4/-1 | 2/-4 | -0/-6 |
| **300** | 6/4 | 6/3 | 6/3 | 6/3 | 6/2 | 4/0 | 1/-2 |
| **Valley** | 7/5 | 7/5 | 8/4 | 7/4 | 7/4 | 5/2 | 2/-0 |
| **Freezing Level*** | 1300m | 1100m | 1100m | 1100m | 1300m | 700m | 500m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Feeling rather cold on the tops with significant wind chill, especially in cloud across more western dales and in exposure to the strengthening west or southwesterly winds. Gusts of around 40mph later today may make for fairly arduous walking on exposed ridges or tops, with buffeting of clothing expected.

**Recent rainfall:** measured at Malham: altitude 375m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 03:00 on Sat 04 Feb 2023 | 27.6mm | 40.6mm | 58.8mm |

**Forecast for Sunday 05 Feb 2023**

**Weather: C**lear skies will allow for a frost to form in the early hours. High pressure becoming established, resulting in fine conditions with long bright or sunny spells. High cloud may spread across from the west later. Feeling cold on the tops.

**Maximum wind:** North or Northwest 20mph gusts 30mph initially, easing light and variable during the morning.

**Chance of cloud-free hill tops above 600m:** 95%.

**Low Cloud and visibility:** Excellent visibility with clear views of distant hills. No low cloud expected.

**Temperature:** **Valleys:** Minus 1 Celsius to Plus 1 Celsius rising to 6 Celsius.
**At 600m:** Minus 3 Celsius rising to Plus 1 Celsius.
**Freezing level:** Frost, especially in valleys at first, level rising to around 600m.

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